

**DP SERIES****TWO-STAGE PERFORMANCE FILTERS****INTRODUCTIONS**

1. Applications for UL 544 & UL 2601 health care equipment.
2. Design as a general purpose filter providing effective EMI suppression.
3. All part numbers are UL recognized, CSA certified and VDE approved.

COMPONENTS

PART NO.	Cx (uF)	L1 (mH)	L2 (mH)	R (Ohm)
03DPCG5BM/W5BM	0.47	9.8	9.8	470K
06DPCG5BM/W5BM	1.0	7.8	7.8	220K
12DPCG5BM/W5BM		3.25	3.25	
16DPGG5BM/W5BM/S5BM		2.8	2.8	
03DPGG5CM/W5CM	0.22	2.5	2.5	1.0M
06DPCG5CM/W5CM	0.22	0.97	0.97	1.0M
12DPCG5CM/W5CM	0.47	0.58	0.58	470K
16DPCG5CM/W5CM/S5CM	0.33	0.65	0.65	1.0M
20DPCG5CM/S5CM/ 30DPGS5CM	1.0	0.60	0.60	220K

SERIES DIMENSIONS

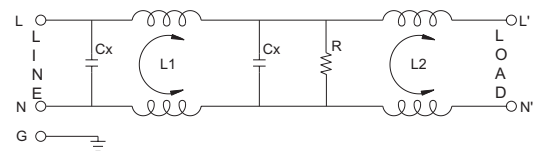
CURRENT RATING	STYLE	DIMENSIONS IN INCHES/mm						
		A	B	C	D	E	F	G
3A	CG5CM, CW5CM	2.40 61.00	2.81 71.5	1.79 45.5	2.02 51.3	1.18 30.0	3.94 100.0	-
6A	CG5CM, CW5CM						3.94 100.0	
12A	CG5CM, CW5CM						3.94 100.0	
16A	CG5CM, CW5CM, CS5CM	2.95 75.00	3.34 84.8	2.04 51.8	2.52 64.0	1.54 39.2	3.94 100.0	
3A	CG5BM/W5BM			2.05 52.0	2.58 65.6	-	-	
6A	CG5BM/W5BM	4.06 103.00	4.49 114.0	2.22 56.5	3.76 95.5	1.83 46.4	-	
12A	CG5BM/W5BM	5.63 143.0	5.02 127.9	2.05 52.0	5.30 134.7	1.78 45.3	-	
16A	CG5BM/W5BM/S5BM	3.90 99.0	4.31 109.5	4.72 120.0	2.01 51.0	2.62 66.5	3.39 86.0	2.28 58.0
20A	CG5CM, CS5CM	4.06 103.00	4.49 114.0	2.22 56.5	3.74 95.0	1.83 46.4	-	
30A	GS5CM	3.90 99.0	4.31 109.5	4.72 120.0	2.01 51.0	2.62 66.5	3.39 86.0	2.28 58.0

SPECIFICATIONS

1. Maximum leakage current each line-to-ground @ 115VAC 60Hz: 2uA
@ 250VAC 50Hz: 5uA
2. Hipot rating (one minute)
line-to-ground: 2250VDC
line-to-line: 1450VDC
3. Operating frequency: 50/60Hz
4. Rated voltage: 115/250VAC

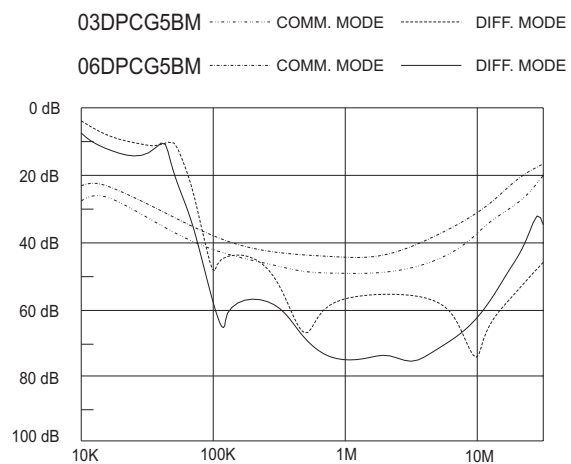
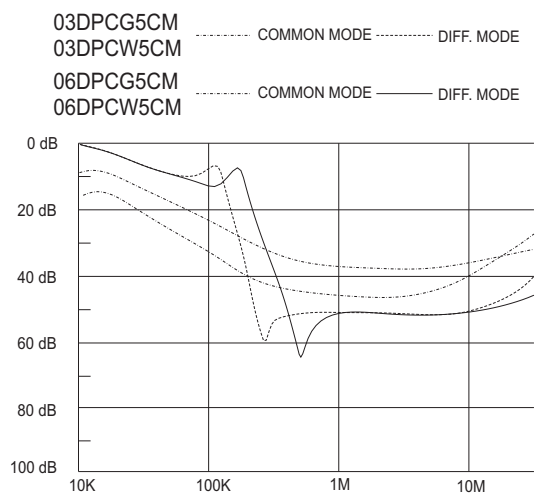
MINIMUM INSERTION LOSS IN dB

COMMON MODE (L-G) IN 50 OHM SYSTEM						
PART NUMBER	FREQUENCY-MHz					
	.15	.50	1.0	5.0	10	30
03DPCG5BM/W5BM	60	70	65	50	45	25
06DPCG5BM/W5BM	50	60	60	60	60	35
12DPCG5BM/W5BM	25	25	25	25	25	15
16DPGG5BM/W5BM/S5BM	20	35	40	50	40	30
03DPCG5CM/W5CM	25	35	35	35	30	20
06DPCG5CM/W5CM	20	25	25	25	25	20
12DPCG5CM/W5CM	10	15	15	15	15	10
16DPCG5CM/W5CM/S5CM	15	15	15	15	15	12
20DPCG5CM/S5CM/ 30DPGS5CM	10	25	15	15	10	8
	10	12	15	15	10	8
DIFFERENTIAL MODE (L-L) IN 50 OHM SYSTEM						
03DPCG5BM/W5BM	30	45	45	45	45	25
06DPCG5BM/W5BM	45	50	50	55	55	45
12DPCG5BM/W5BM	45	50	50	50	50	30
16DPGG5BM/W5BM/S5BM	7	55	50	50	50	40
03DPCG5CM/W5CM	10	40	40	40	40	30
06DPCG5CM/W5CM	8	45	40	40	40	35
12DPCG5CM/W5CM	12	35	35	30	30	25
16DPCG5CM/W5CM/S5CM	12	40	35	35	35	30
20DPCG5CM/S5CM/ 30DPGS5CM	15	40	40	35	30	20
	18	45	50	40	35	25

ELECTRICAL SCHEMATIC

XXDPXX5C

INSERTION LOSS (TYPICAL)



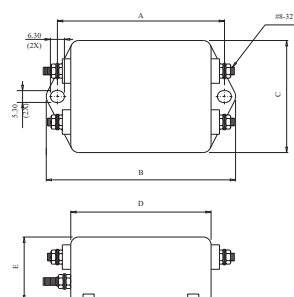
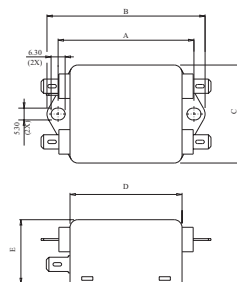
MECHANICAL CONSTRUCTION



CG5BM/CG5CM

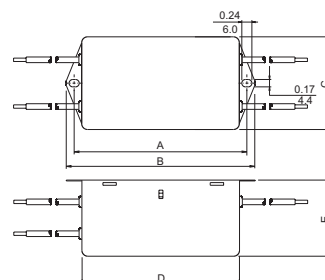


CS5CM



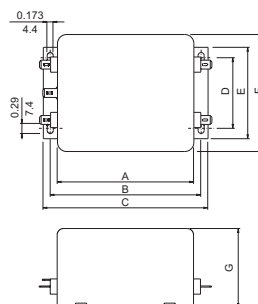
MECHANICAL CONSTRUCTION

CW5CM, CW5BM

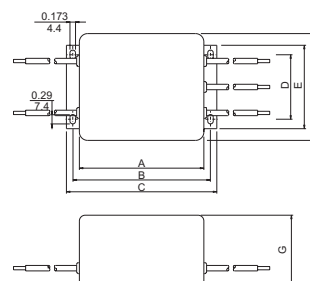


ALL WIRE LEADS 4.0" LONG MIN.

GG5BM

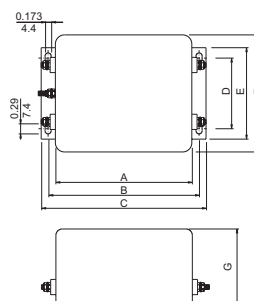


GW5BM



ALL WIRE LEADS 4.0" LONG MIN.

GS5BM/GS5CM



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